

## CLAIMS

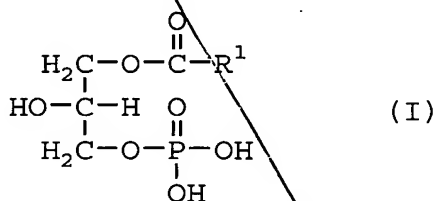
1. A hair-growing agent comprising, as active ingredients, one or more members selected from the group consisting of lysophosphatidic acids, and phosphatidic acids wherein the fatty acid residue moiety consists only of straight-chain fatty acid residues having an even number of carbon atoms.

2. The hair-growing agent according to Claim 1, which does not substantially comprise minoxidil.

3. The hair-growing agent according to Claim 1 or 2, wherein the content of one or more members selected from the group consisting of lysophosphatidic acids, and phosphatidic acids wherein the fatty acid residue moiety consists only of straight-chain fatty acid residues having an even number of carbon atoms is 0.01 to 5.0%.

4. The hair-growing agent according to Claim 1 or 2, wherein the content of one or more members selected from the group consisting of lysophosphatidic acids, and phosphatidic acids wherein the fatty acid residue moiety consists only of straight-chain fatty acid residues having an even number of carbon atoms is 0.01 to 1.0%.

5. The hair-growing agent according to any of Claims 1 to 4, wherein the lysophosphatidic acids are compounds represented by formula (I):

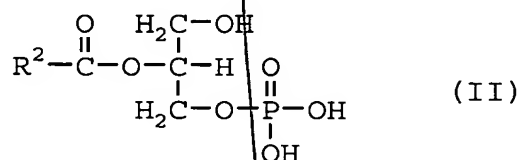


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(wherein R<sup>1</sup> represents alkyl, alkenyl or alkynyl).

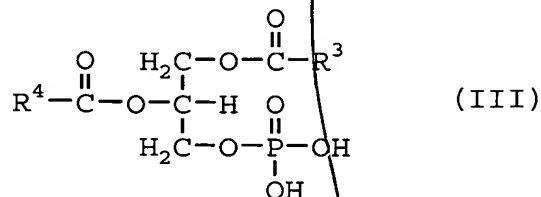
6. The hair-growing agent according to any of claims 1 to 4, wherein the lysophosphatidic acids are compounds represented by formula (II):



(wherein R<sup>2</sup> has the same significance as the above R<sup>1</sup>).

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7. The hair-growing agent according to any of Claims 1 to 4, wherein the phosphatidic acids wherein the fatty acid residue moiety consists only of straight-chain fatty acid residues having an even number of carbon atoms are compounds represented by formula (III):



(wherein R<sup>3</sup> and R<sup>4</sup>, which may be the same or different, each represents straight-chain alkyl having an odd number of carbon atoms, straight-chain alkenyl having an odd number of carbon atoms, or straight-chain alkynyl having an odd number of carbon atoms).

8. A hair-growing agent comprising, as active ingredients, one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids, and one or more members selected from the group consisting of proanthocyanidin, protein kinase C-specific

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inhibitors or pharmaceutically acceptable salts thereof, and tocopherol.

9. A hair-growing agent comprising, as active ingredients, one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids, and proanthocyanidin.

10. The hair-growing agent according to Claim 8 or 9, wherein the proanthocyanidin is one or more members selected from the group consisting of procyanidin B-1, procyanidin B-2, procyanidin B-3 and procyanidin C-1.

11. The hair-growing agent according to Claim 9 or 10, further comprising a protein kinase C-specific inhibitor or a pharmaceutically acceptable salt thereof.

12. A hair-growing agent comprising, as active ingredients, one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids, and a protein kinase C-specific inhibitor or a pharmaceutically acceptable salt thereof.

13. The hair-growing agent according to Claim 8, 11 or 12, wherein the protein kinase C-specific inhibitor is one or more members selected from the group consisting of calphostin C, hexadecylphosphocholine, palmitoyl-DL-carnitine and polymyxin B.

14. The hair-growing agent according to any of Claims 9 to 13, further comprising tocopherol.

15. A hair-growing agent comprising, as active ingredients, one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids, and tocopherol.

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16. The hair-growing agent according to Claim 8, 14 or 15, wherein the tocopherol is one or more members selected from the group consisting of dl- $\alpha$ -tocopherol, d- $\alpha$ -tocopherol, dl- $\alpha$ -tocopherol acetate, d- $\alpha$ -tocopherol acetate and dl- $\alpha$ -tocopherol nicotinate.

17. The hair-growing agent according to any of Claims 8 to 16, wherein the phosphatidic acids are the phosphatidic acids according to Claim 1.

18. The hair-growing agent according to Claim 17, wherein the phosphatidic acids are the phosphatidic acids according to Claim 7.

19. The hair-growing agent according to any of Claim 8 to 16, wherein the lysophosphatidic acids are the lysophosphatidic acids according to Claim 5 or 6.

20. The hair-growing agent according to Claims 8 to 19, which does not substantially comprise minoxidil.

21. The hair-growing agent according to any of Claims 8 to 20, wherein the content of one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids is 0.01 to 5.0%.

22. The hair-growing agent according to any of Claims 8 to 20, wherein the content of one or more members selected from the group consisting of lysophosphatidic acids and phosphatidic acids is 0.01 to 1.0%.

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